

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,875,555 B1  
APPLICATION NO. : 10/664303  
DATED : April 5, 2005  
INVENTOR(S) : Andrew Edward Feiring, Viacheslav A. Petrov and Frank Leonard Schadt, III

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 24, line 34, 38: " $R_f$  and  $R_f$ " should read --  $R_f$  and  $R_f'$ --

Column 24, line 45: "comonomer is a fluorolefin" should read --comonomer is a fluoroolefin--

Column 24, Structure I and Structure II: that portion of the formula reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 24, line 67: " $R_f$  is perfluoromethyl." should read -- $R_f'$  is perfluoromethyl--

Column 25, line 5: "dioxole), perfluoro-(2-methylene-4-methyl-1,3-dioxolane)," should read --dioxole), perfluoro-(2-methylene-4-methyl-1,3-dioxolane),--

Column 25, line 7: " $R_f\text{OCF}=\text{CF}_2$  wherein  $R_f$  is a fluoroalkyl" should read -- $R_f'\text{OCF}=\text{CF}_2$  wherein  $R_f'$ --

Column 25, line 24: "2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl acrylate" should read --2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl acrylate--

Column 25, line 29: "endo- and exo-2-bicyclo[2.2.1]hept-5-en-2-yl)-2,2-" should read --endo- and exo-2-(bicyclo[2.2.1]hept-5-en-2-yl)-2,2--

Column 25, line 34: "substituted norbornene with  $\text{ICH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ ; :" should read --substituted norbornene with  $\text{ICH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ ;--

Column 25, line 48, 58: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 26, line 6: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 26, line 16, 56: " $R_f$  is perfluoromethyl." should read --  $R_f'$  is perfluoromethyl--

Column 26, line 62: "dioxole), perfluoro-(2-methylene-4-methyl-1,3-dioxolane)," should read --dioxole), perfluoro-(2-methylene-4-methyl-1,3-dioxolane),--

Column 26, line 63: " $R_f\text{OCF}=\text{CF}_2$  wherein  $R_f$  is a fluoroalkyl group of from 1" should read -- $R_f'\text{OCF}=\text{CF}_2$  wherein  $R_f'$  is a fluoroalkyl group of from 1--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 27, line 15: "2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl acrylate"  
should read --2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl  
acrylate--

Column 27, line 30, 43: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should  
read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 27, line 45: "wherein the  $\text{R}_f$  and  $\text{R}_f'$  groups" should read --wherein the  $\text{R}_f$  and  
 $\text{R}_f'$  groups--

Column 27, line 51: " $\text{R}_f$  is perfluoromethyl." should read -- $\text{R}_f'$  is perfluoromethyl--

Column 28, line 11: "2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl acrylate"  
should read --2-tetrahydropyranyl acrylate, 2-tetrahydrofuranyl  
acrylate--

Column 28, line 29, 40: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should  
read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 28, line 43: "wherein the  $\text{R}_f$  and  $\text{R}_f'$  groups" should read --wherein the  $\text{R}_f$  and  
 $\text{R}_f'$  groups--

Column 28, line 58: " $\text{R}_f$  is perfluoromethyl." should read -- $\text{R}_f'$  is perfluoromethyl--

Column 28, line 64: "dioxole), perfluoro-(2-methylene-4-methyl-1,3-dioxolane),"  
should read --dioxole), perfluoro-(2-methylene-4-methyl-1,3-  
dioxolane),--

Column 30, line 7: "2 tetrahydrofuranyl acrylate, and 2-hydroxy-1,1,2-" should read  
--2-tetrahydrofuranyl acrylate, and 2-hydroxy-1,1,2- --

Column 2, lines 7, 22, 48, 58: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ "  
should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 3, lines 6, 26, 39, 60: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ "  
should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

Column 4, line 7, 24, 36: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_f')\text{OH}$ " should  
read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_f')\text{OH}$ --

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Column 5, line 41: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--

Column 6, line 18: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--

Column 10, line 13, 60: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--

Claim 1: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--.

Claim 1: "wherein the R<sub>f</sub> and R<sub>f</sub>' groups" should read --wherein the R<sub>f</sub> and R<sub>f</sub>' groups--.

Claim 2: "wherein the R<sub>f</sub> and R<sub>f</sub>' groups" should read --wherein the R<sub>f</sub> and R<sub>f</sub>' groups--.

Claim 5: "comonomer is a fluorolefin" should read --comonomer is a fluoroolefin--.

Claim 6: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--.

Claim 6: "wherein the R<sub>f</sub> and R<sub>f</sub>' groups" should read --wherein the R<sub>f</sub> and R<sub>f</sub>' groups--.

Claim 9: "wherein at least one of R<sub>f</sub> and R<sub>f</sub>' is perfluoromethyl" should read --wherein at least one of R<sub>f</sub> and R<sub>f</sub>' is perfluoromethyl--.

Claim 10: "perfluoro- (2-methylene-4-methyl-1,3-dioxolane)," should read --perfluoro- (2-methylene-4-methyl-1,3-dioxolane) , --.

Claim 10: "and R<sub>f</sub>'OCF= =CF<sub>2</sub> wherein R<sup>f</sup>' is" should read --and R<sub>f</sub>'OCF= =CF<sub>2</sub> wherein R<sup>f</sup>' is--.

Claim 14: "2-tetrahydrofuramyl acrylate" should read -- 2-tetrahydrofuranyl acrylate--.

Claim 16: that portion of the structure reading "CH<sub>2</sub>C(R<sub>f</sub>R<sub>f</sub>')OH" should read --CH<sub>2</sub>C(R<sub>f</sub>)(R<sub>f</sub>')OH--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Claim 16: "and exo-2-bicyclo[2.2.1]hept-5-en-2-yl) -2,2-fluoroalkyl-ethan-2-ol whereof" should read --and exo-2- (bicyclo[2.2.1]hept-5-en-2-yl) -2,2-fluoroalkyl-ethan-2-ol whereof--.
- Claim 16: "wherein in the foregoing structures the  $R_f$  and  $R_{f'}$  groups" should read --wherein in the foregoing structures the  $R_f$  and  $R_{f'}$  groups--.
- Claim 17: "wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl" should read --wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl--.
- Claim 22: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_{f'})\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_{f'})\text{OH}$ --
- Claim 23: "wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl" should read --wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl--.
- Claim 24: "perfluoro-(2-methylene-4-methyl-1,3-dioxolane)," should read --perfluoro-(2-methylene-4-methyl-1,3-dioxolane)--.
- Claim 24: "and  $\text{R}_{f'}\text{OCF}=\text{CF}_2$  wherein  $\text{R}''$  is" should read --and  $\text{R}_{f'}\text{OCF}=\text{CF}_2$  wherein  $\text{R}''$  is--.
- Claim 29: "2-tetrahydrofuranyl acrylate" should read -- 2-tetrahydrofuranyl acrylate--.
- Claim 31: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_{f'})\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_{f'})\text{OH}$ --
- Claim 31: "wherein the  $R_f$  and  $R_{f'}$  groups" should read --wherein the  $R_f$  and  $R_{f'}$  groups--.
- Claim 32: "wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl" should read --wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl--.
- Claim 38: "2-tetrahydrofuranyl acrylate" should read -- 2-tetrahydrofuranyl acrylate--.
- Claim 41: that portion of the structure reading " $\text{CH}_2\text{C}(\text{R}_f\text{R}_{f'})\text{OH}$ " should read -- $\text{CH}_2\text{C}(\text{R}_f)(\text{R}_{f'})\text{OH}$ --

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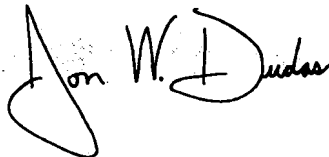
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Claim 41: "wherein the  $R_f$  and  $R_{f'}$  groups" should read --wherein the  $R_f$  and  $R_{f'}$  groups--.
- Claim 43: "wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl" should read --wherein at least one of  $R_f$  and  $R_{f'}$  is perfluoromethyl--.
- Claim 44: "perfluoro-(2-methylene-4-methyl-1,3-dioxolane)," should read --perfluoro-(2-methylene-4-methyl-1,3-dioxolane)--.
- Claim 49: "2-tetrahydrofuranyl acrylate" should read -- 2-tetrahydrofuranyl acrylate--.

Signed and Sealed this

Twenty-ninth Day of May, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*